The Delphion Integrated View

Title: **JP8184436A2: POSITION MEASURING EQUIPMENT AND CAMEI INFORMATION RECORDING FUNCTION**

Country: **JP** Japan
Kind: **A**

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Published / Filed: **July 16, 1996** / Dec. 28, 1994

Application Number: **JP1994000328966**

IPC Code: **G01C 15/00;** G03B 17/24;

Priority Number: Dec. 28, 1994 **JP1994000328966**

Abstract:

Purpose: To locate an object remote from a GPS receiver by correcting the positional information at a point to be measured based on the outputs from various sensors thereby locating the object.
Constitution: A distance measuring section 1 measures the distance from a measuring point to an object and a GPS receiver 2 detects the position at the measuring point. An orientation sensor 3 detects the orientation of a measuring apparatus when it is directed toward the object as angle from the north and an inclination sensor 4 detects the angle of elevation of the measuring apparatus when it is directed toward the object. When a measuring button 9 is pushed, the equipment is actuated to start measurement through the measuring section 1, the receiver 2 and the sensors 3, 4. When the distance to the object is measured, a laser beam is transmitted from the measuring section 1 to the object and the time elapsed before receiving a reflected laser beam is measured thus determining the distance. Subsequently, a correction amount of the distance is determined, and the position of the object is determined at a control section 5.

camera GPS distance orientation inclination

Family: Show 8 known family members

Other Abstract Info: DERABS G96-379873 DERG96-379873